First & Final

BR 1021 / 31-3-15 SBR 306 30-3-15

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8

Name of work:- Improvement to roads and drains cross roads at Circle Office Layout Bagalagunte in Ward No 14.

Job code:- 014-15-000026 Plan 2415

Estd - 40 Lac

A.A.:- BCC/DL/65/14-15 dt 24.1.2015

T.S.No:- CE(D)/90/14-15 dt 4.2.2015

Cr. No:- RO(DD)/260/14-15 dt 28.2.2015

Job

1	Earth work Excavation by manual/mechanical means in ordinary soil including all lifts and leads as per direction of Engineer-in-charge and disposal of excavated materials within the lead of initially 50 mtrs and subsequently for every additional 50 mtrs as per Standard Specifications. Quantity as per present measurement vide page no 340186 of this MB					4500 Cum	340186
						675.604	

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
	2	3	4	5	6	7	8
2	Clearing the Scrubby Growth including grubbing up roots, removal of debris, leveling and dressing the surface to required slopes, profiles and gradients as per Specifications. Quantity as per present measurement vide page no 340187, 340188, 340189 of this MB	Type of Surface: Kutcha		Area to be cleared: Between Toe of Bund and Hedge		85860 Sqm	259641- 25929=00
						0.3024 Ha	
3	Providing, laying, spreading and compacting graded stone aggregates, hard rock including mechanical hand packing, mechanical mix plant carriage of mixed material of stone aggregates, hard rock including power mix by hot mix/batch mix plant, carriage by mechanical transport, unloading, spreading with motor grader, mechanical sprinkler, rolling the surface to camber and consolidating complete as per present measurement vide page no 340190 of this MB					4500 Cum	647354
						0.1458.56 Ha	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
4	providing and applying primer coat with 5-5 brushes evenly on prepared surface of granular base Sudras WBM, WMM including cleaning dust surface and spraying primer at the rate of 0.60 kg/sqm including necessary Cycle/Hand sprayers complete as per specification and direction of Engineer-in-charge.						
	20th Cm	8	5.40	0.60		25.92	
	21st Cm	6	5.20	0.60		18.00	
	22nd Cm	6	4.80	0.70		20.16	
	23rd Cm	4	4.80	0.70		13.44	
	24th Cm	6	5.40	0.70		22.68	
	25th Cm	7	4.80	0.60		20.16	
	26th Cm	7	4.80	0.60		17.50	
	28th Cm	7	5.20	0.50		18.20	
	30th Cm	6	5.00	0.50		27.00	
	4th Main	10	5.80	0.58		180.80 Sqm	622 Sqm
			0.34 Sqm				
	Providing and laying bituminous medium grade impregnated surface course including cost of all materials, labour, machinery, tools & plants including carriage in lorry/trucks of aggregates, sand & bitumen						

M. A. R. 57 (Rule 116)
Measurement Book

No. B

340129

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	hot mixing of bituminous aggregates and bitumen in hot mix plant of suitable capacity transporting the mixed material to paver and laying mixed material by paver to required level and grade rolling by power roller to achieve the density of 97% of Marshall Specification. Using Grade 3 VG-30 bitumen but excluding the cost of primer/tack coat which is paid in separate item.						
	17th Cm	1	30.00	1.30	0.05	1.95	
		1	30.00	1.30	0.05	1.95	
		1	30.00	1.30	0.05	1.95	
		1	30.00	1.30	0.05	1.95	
		1	30.00	1.30	0.05	1.95	
		1	28.00	1.30	0.05	0.26	
		1	30.00	1.30	0.05	1.95	
		1	30.00	1.30	0.05	1.95	
		1	30.00	1.30	0.05	1.95	
		1	30.00	1.30	0.05	1.95	

MEASUREMENT BOOK

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No. B 340132

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
7	providing cc layer semi clc & bitumen Concrete 25-30mm Aggte thickness with SI- bitumen emulsion @ 120 TPH batch type mmp providing an average out put of 30 tonnes per hour using crushed aggregate of Specified grading premixed with bitumen binder at the rate of 5.7 % by wt of mix finer sub fence content to the required grade laying with a hydrostatic paver finisher sub fence content to the required grade alignment using electronic sensor operated 12ft Cms	1	30.00	4.90+5.20/2	0.03	4.45	
		1	30.00	5.20+4.80/2	0.03	4.45	
		1	30.00	4.80+5.20/2	0.03	4.45	
		1	30.00	5.20+4.80/2	0.03	4.45	
		1	30.00	4.80+5.20/2	0.03	4.45	
		1	26.00	5.20+4.80/2	0.03	3.86	
		1	30.00	5.20+4.80/2	0.03	4.45	
		1	30.00	4.80+5.20/2	0.03	4.45

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	22ಕ್ಕೆ ಮುಂ	1	30.00	6.20+4.80/2	0.03	4.95	
		1	30.00	4.80+4.40/2	0.03	4.27	
		1	30.00	4.40	0.03	4.27	
		1	30.00	4.40+4.80/2	0.03	4.27	
		1	4.00	4.80+5.50/2	0.03	0.61	
		1	30.00	4.20+4.80/2	0.03	4.86	
		1	21.00	4.80+4.40/2	0.03	2.86	
		4	2.00	7.50/10	0.03	0.78	
		1	30.00	5.00+4.80/2	0.03	4.05	
		1	30.00	4.00+5.50/2	0.03	4.05	
		1	30.00	5.70+5.30/2	0.03	4.68	
		1	32.00	5.30+5.50/2	0.03	5.13	
	27ಕ್ಕೆ ಮುಂ	1	30.00	5.00+4.70/2	0.03	4.26	
		1	30.00	4.70+4.80/2	0.03	4.27	
		1	30.00	4.80+4.20/2	0.03	4.05	
		1	22.00	4.20+4.40/2	0.03	2.78	

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಡಬ್ಲ್ಯೂ.ಎಸ್.ಎಸ್.ಬಿ
ಬಾಗಲಗುಂಟೆ ಉಪ-ವಿಭಾಗ
ಬೆಂಗಳೂರು

E.E. (D.D.)

M. A. R. 57 (Rule 116)
Measurement Book

No. B

340133

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	28ಕ್ಕೆ ಮುಂ	1	4.00	7.30+5.00/2	0.03	0.75	
		1	30.00	5.00+4.80/2	0.03	4.41	
		1	30.00	4.80+5.40/2	0.03	4.59	
		1	30.00	5.40+5.20/2	0.03	4.77	
		1	30.00	5.20+5.00/2	0.03	4.59	
		1	30.00	5.00/2	0.03	4.65	
		1	30.00	4.80	0.03	4.05	
		1	30.00	4.80	0.03	4.05	
		1	30.00	4.80	0.03	4.05	
		1	30.00	4.80	0.03	4.05	
	30ಕ್ಕೆ ಮುಂ	1	30.00	5.00+4.80/2	0.03	4.18	
		1	30.00	4.80+5.00/2	0.03	4.18	
		1	26.00	5.00+5.80/2	0.03	4.21	

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಡಬ್ಲ್ಯೂ.ಎಸ್.ಎಸ್.ಬಿ
ಬಾಗಲಗುಂಟೆ ಉಪ-ವಿಭಾಗ
ಬೆಂಗಳೂರು

E.E. (D.D.)

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	4th main road						
		1	8.00	5.70+5.70 / 2	0.03	2.28	
		1	30.00	5.50+5.70 / 2	0.03	5.22	
		1	30.00	5.70+6.10 / 2	0.03	5.31	
		1	30.00	6.10+6.10 / 2	0.03	5.64	
		1	30.00	6.10+5.70 / 2	0.03	5.28	
		1	30.00	5.70+5.70 / 2	0.03	4.63	
		1	30.00	5.70+5.70 / 2	0.03	4.63	
		1	30.00	5.70+5.70 / 2	0.03	4.32	
		1	30.00	5.00	0.03	4.50	
		1	30.00	5.70+5.70 / 2	0.03	4.57	
		1	30.00	5.70+5.70 / 2	0.03	4.57	
		1	30.00	5.70+5.70 / 2	0.03	4.54	
		1	10.00	5.70	0.03	1.13	
						280.00	
		Less deduction 257.58					
		= 9857.76 Cft					

Audited and admitted for Rs. 3955171=00
Passed for Rupees 3436928=00
Accounts Superintendent
B.B.M.P. Dasarahalli Division

Exe. Engineer

E.E. (D.D.5)
5376/16

M. A. R. 57 (Rule 116)
Measurement Book

340134

Serial No. .....
Name of Work ..... From ..... To .....
Name of Contractor of nature of Agency 578246=00
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	8 Cement work of masonry 1st class in Cement mortar 1:6 including all leads and lifts			0.735 Cft		257.58 Cft	18932
	9 Disposal of debris from foundation trenches including all leads and lifts as directed by the Superintending Officer			0.78 Cft		45.00 Cft	3524
	Total					359561=00	359561=00
	Less deduction					359561=00	359561=00
						3955171=00	3955171=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

M. A. R. 57 (Rule 116)
Measurement Book

No. B 340135

Serial No. .....

Name of Work Improvements to roads From ..... To .....

Name of Contractor of nature of Agency Reserved for work order

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8